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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

Product Name: N-Methyl Lacosamide

Identification:

Chemical Name: 2-(Acetylamino)-3-methoxy-N-methyl-N-(phenylmethyl)propanamide

Synonyms : Lacosamide N-Methyl Impurity

CAS Number : 388619-64-5

CAT Number : CP-L8018

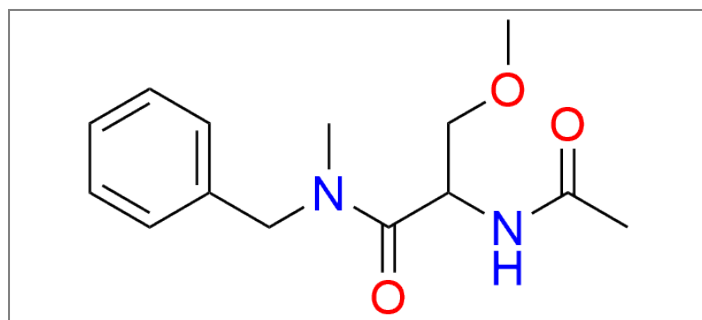
Molecular Formula : C₁₄H₂₀N₂O₃

Molecular Weight : 264.33

Batch Number : CHEM-NM-01

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Colourless Sticky Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.05%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.